

Radxa CM4 IO

Schematic

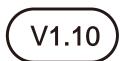
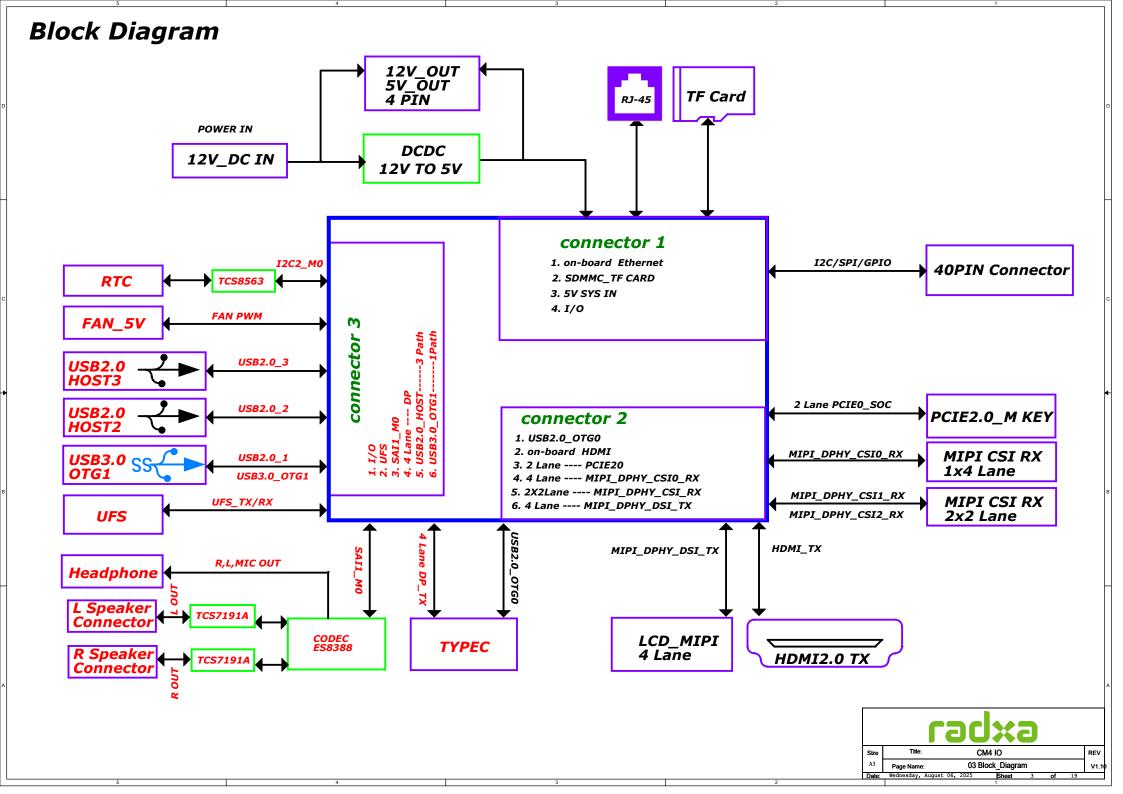


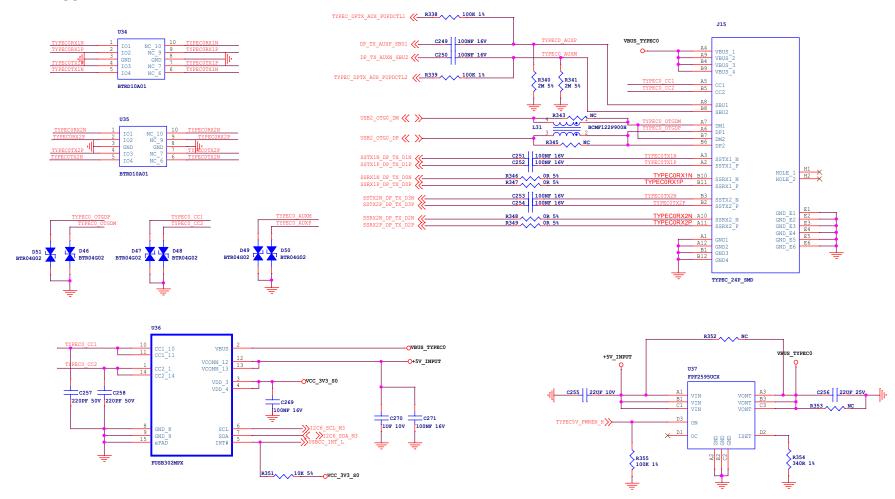
Table of Content

- 02 Table of Content 03 Block Diagram
- 04 TYPEC
- 05 UFS
- 06 Audio-CODEC
- 07 Audio SPK
- 08 VCC-Connetor
- 09 High Speed-Connector
- 10 IO-Connector
- 11 Power-DC IN
- 12 40PIN/FAN
- 13 HDMI TX/RTC
- 14 ETHERNET
- 15 MicroSD Card
- 16 MIPI DSI TX
- 17 MIPI CSI RX
- 18 USB2/USB3
- 19 PCIE

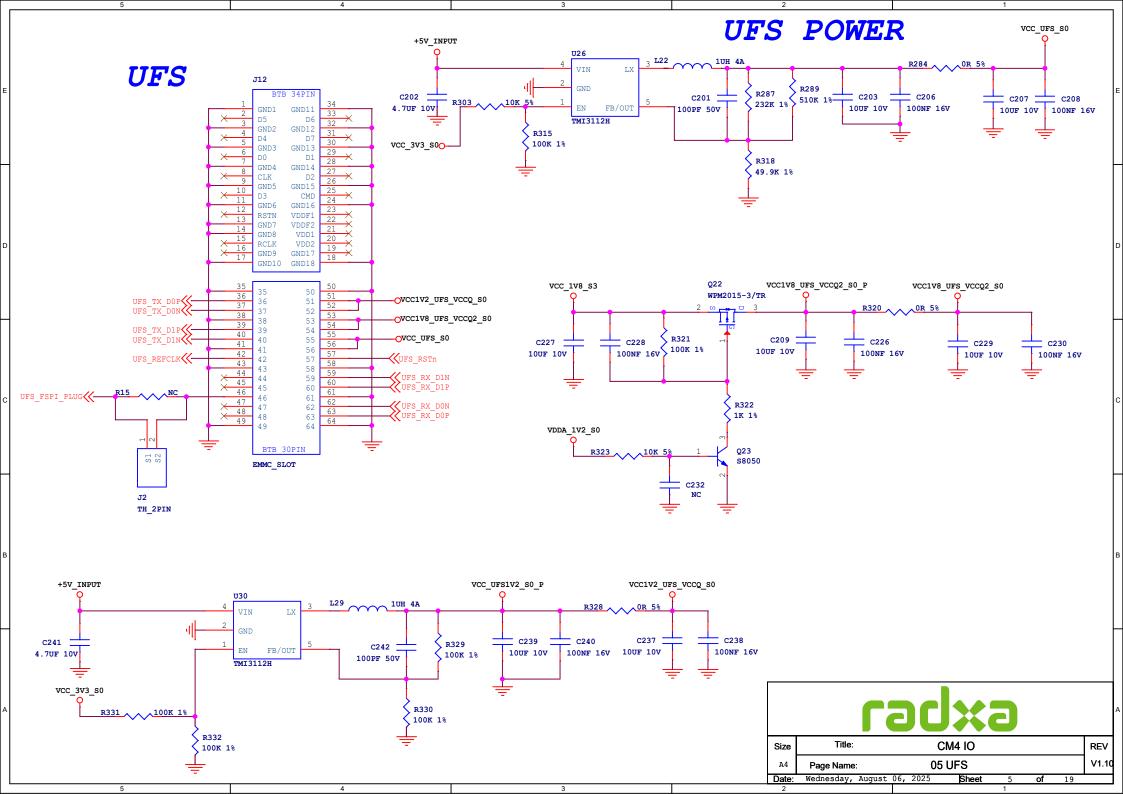
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Size	Title:	CM4 IO				REV						
A4	Page Name:	02 Table of Content										
Date:	Wednesday, Augus	t 06, 2025	Sheet	2	of	19						

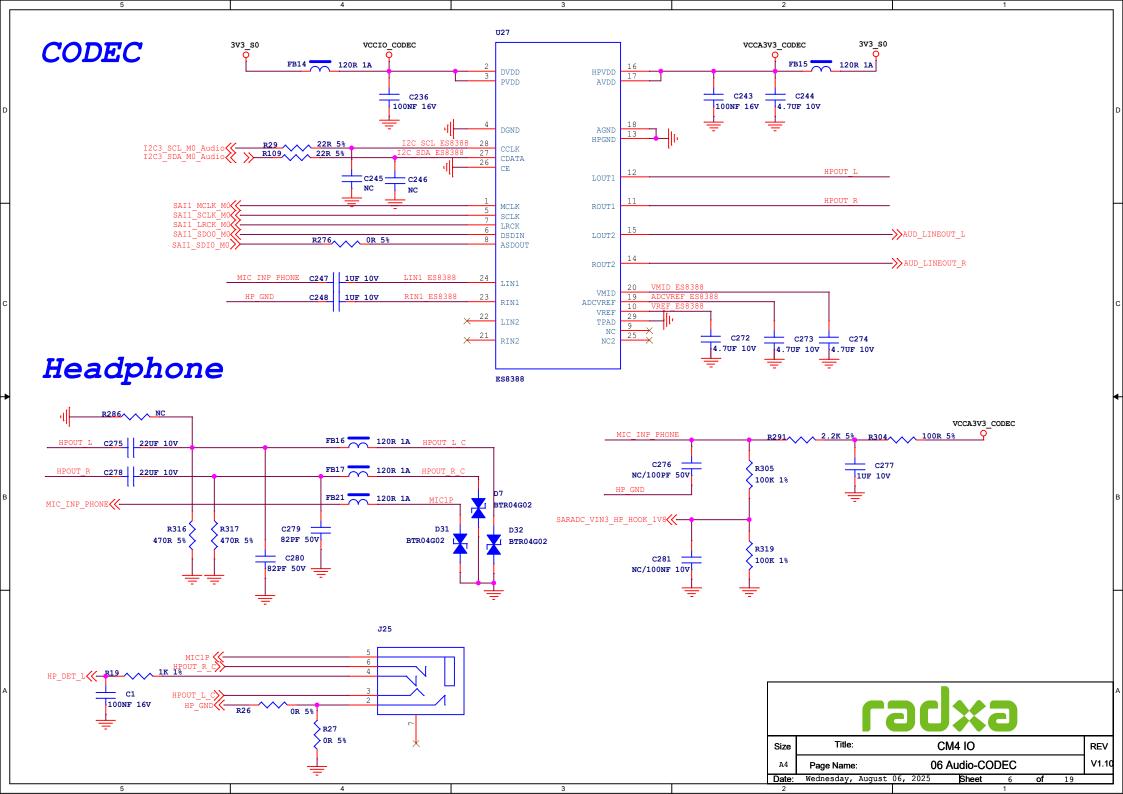


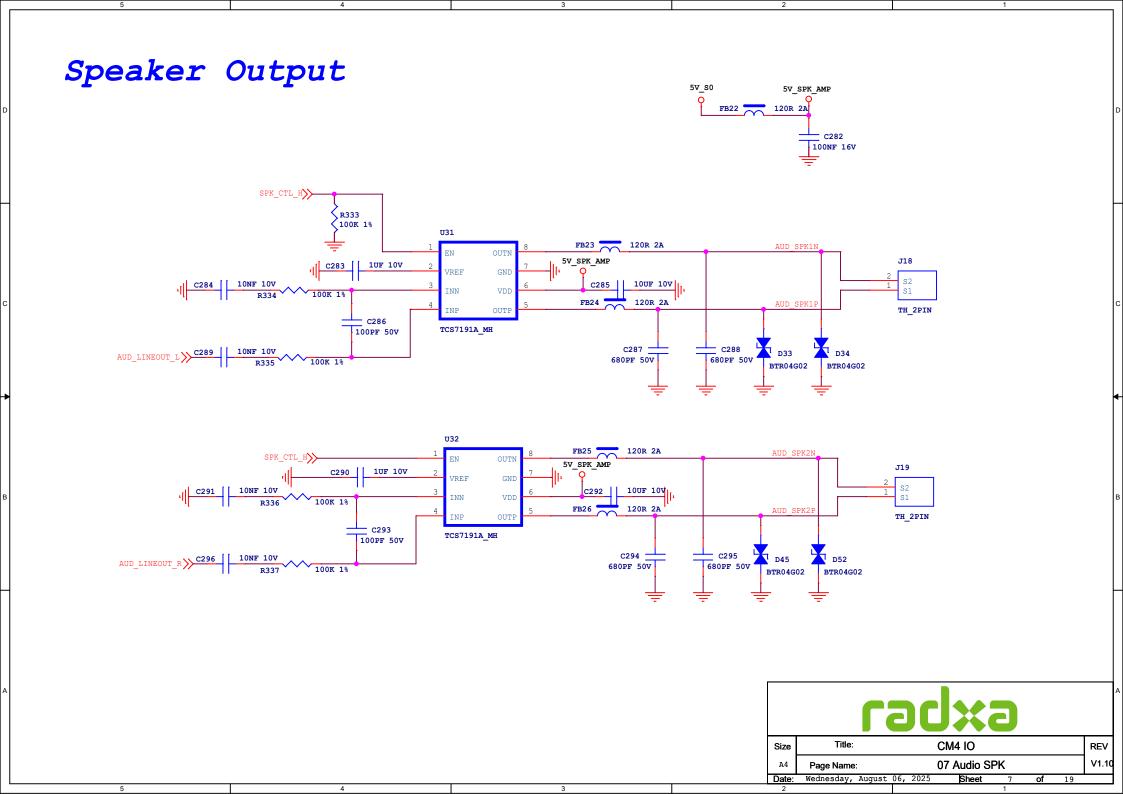
Type-C PORT

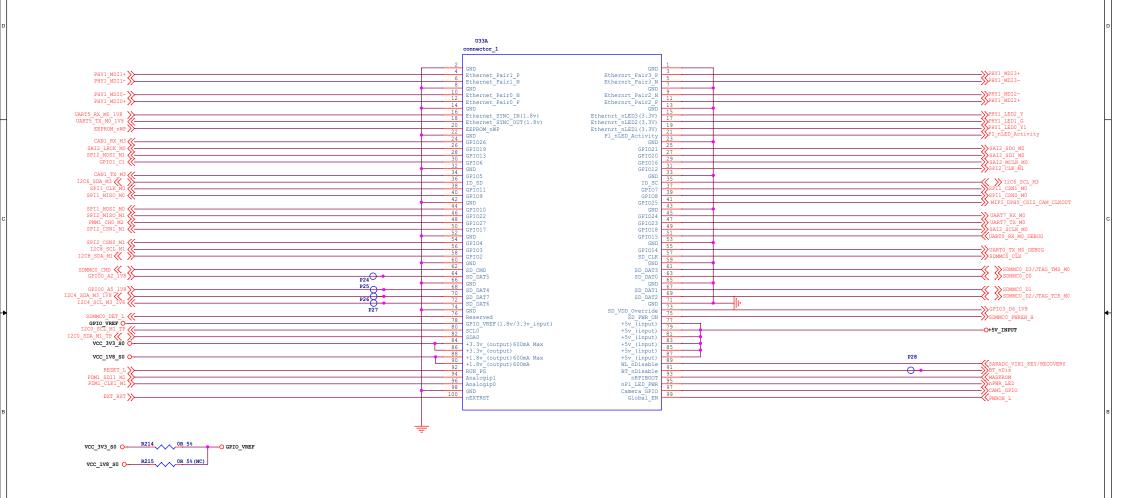


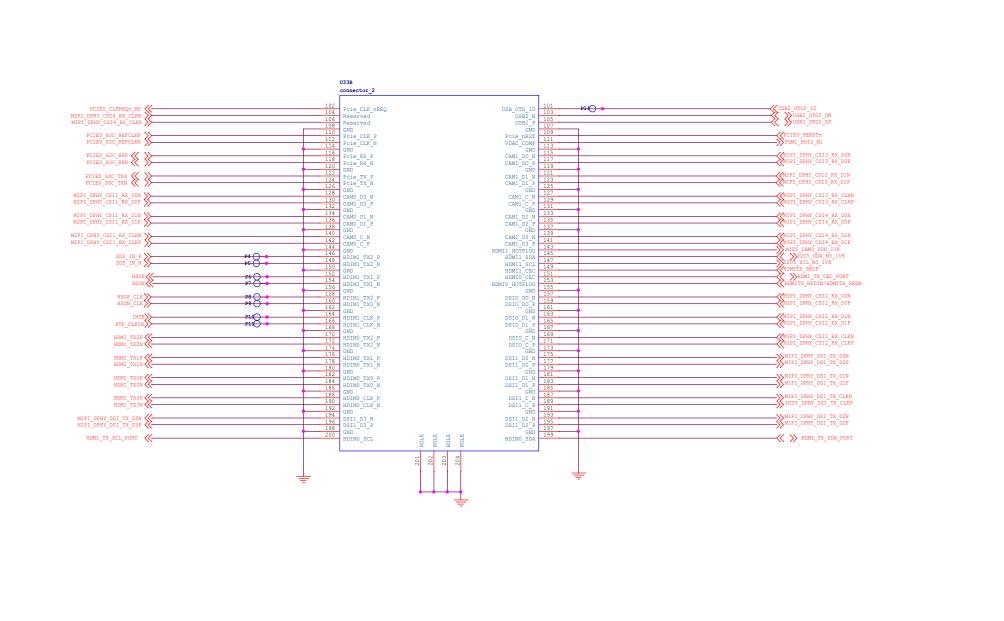




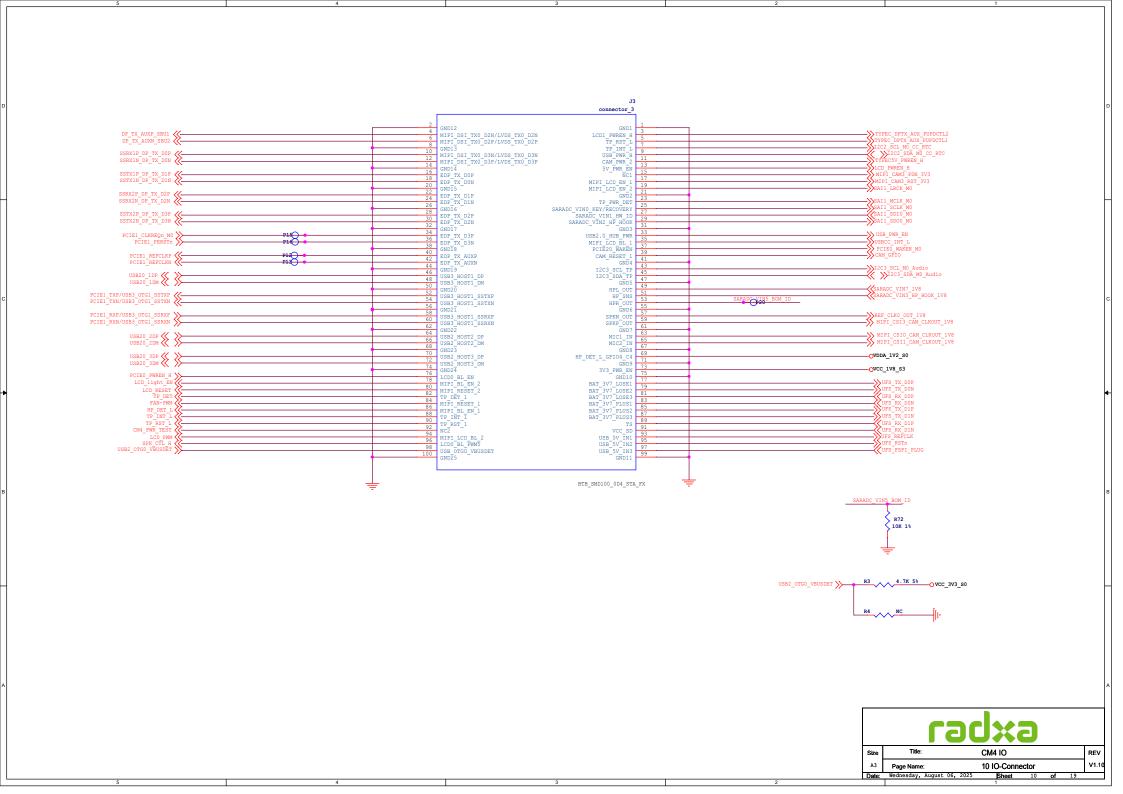


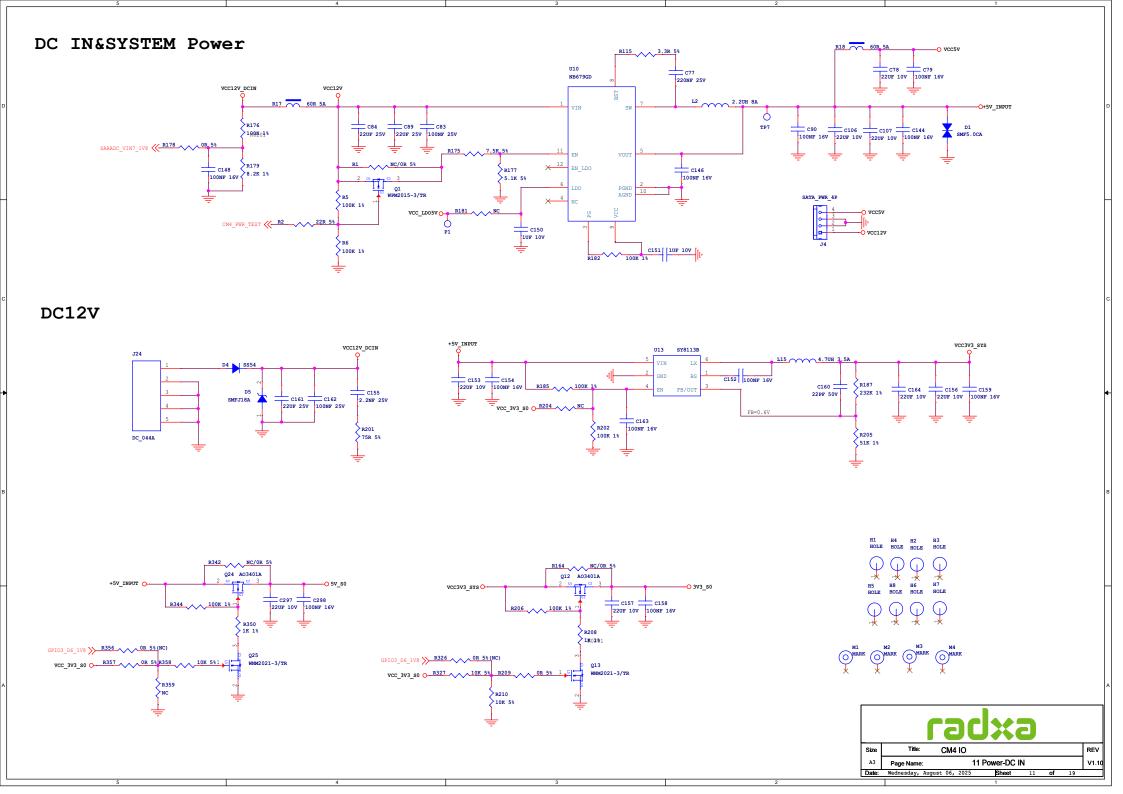


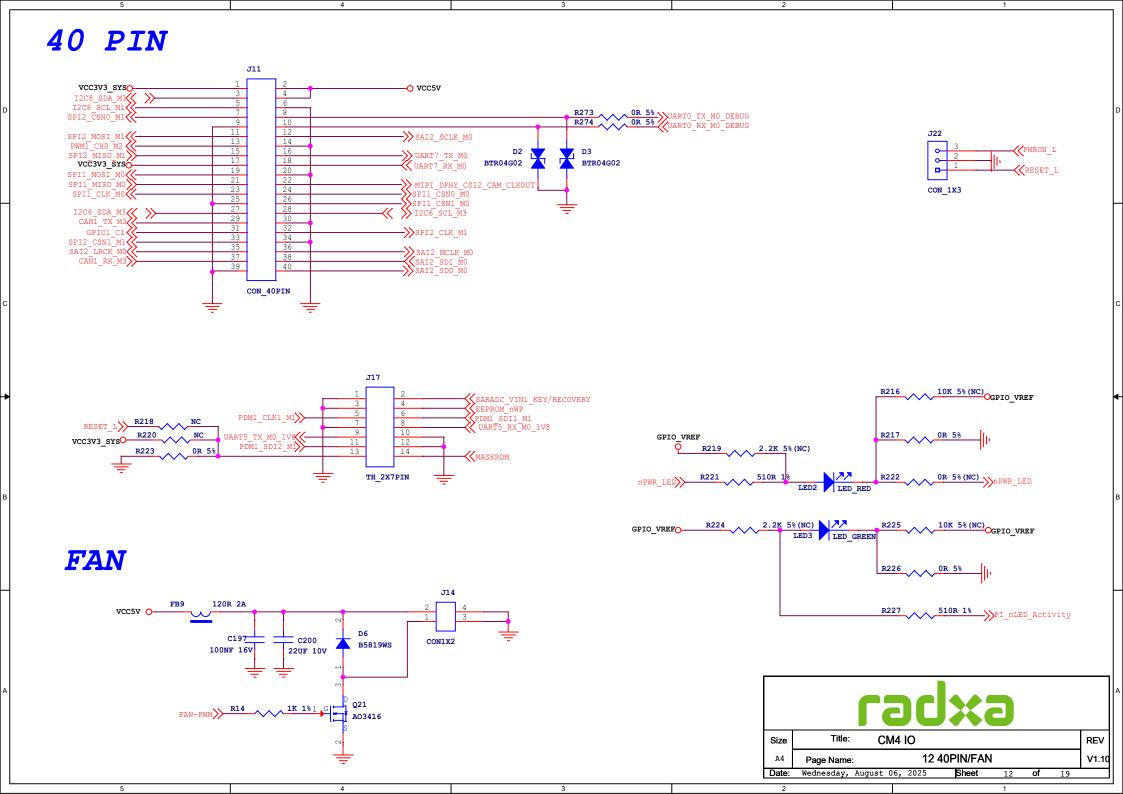


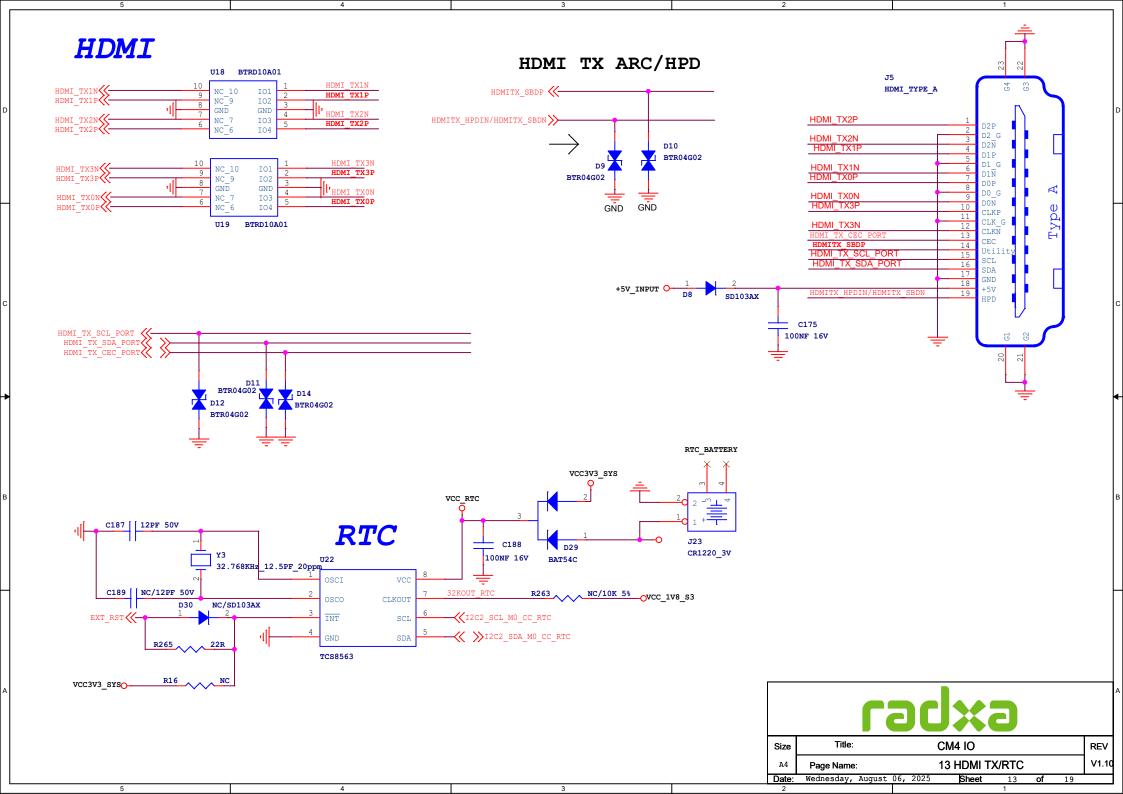


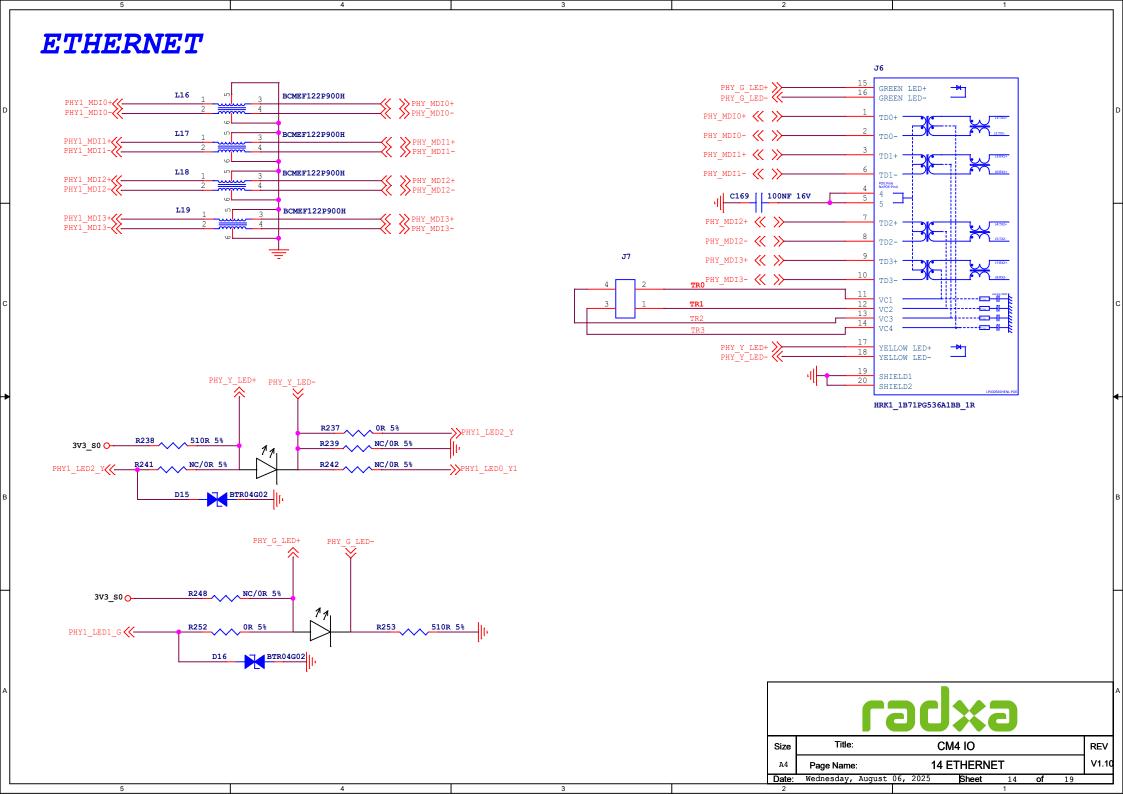


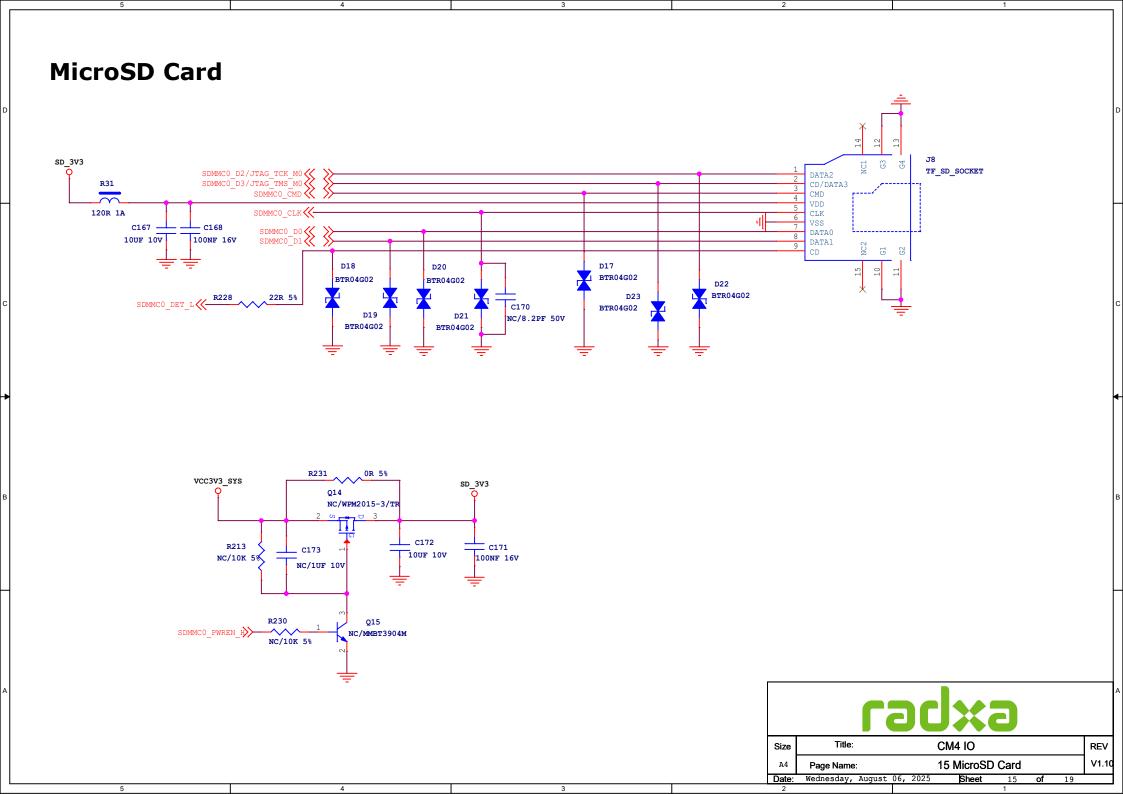




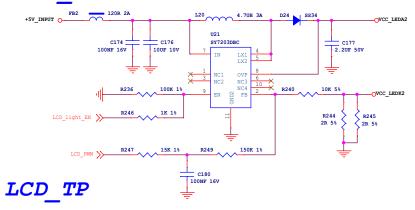


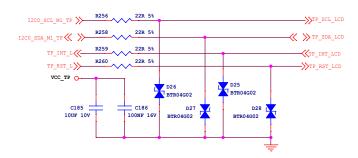


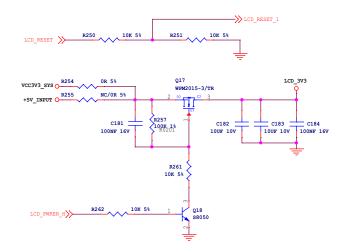


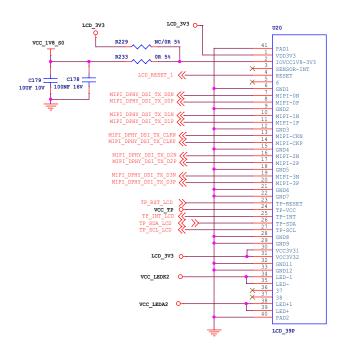


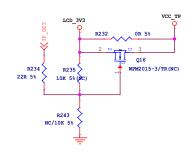
MIPI LCD











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Size	Title:	CM4 IO			REV		
A3	Page Name:	16 MIPI DSI TX				V1.10	
Date:	Wednesday, August	06, 2025	Sheet	16	of	19	

MIPI_CSI2_RX 2Lanes MIPI_CSI1_RX 2Lanes J10 J9 3V3_S0 MIPI_DPHY_CSI2_RX_DON MIPI_DPHY_CSI2_RX_DOP MIPI DPHY CSI2 RX D1N > SR264 MIPI_DPHY_CSI1_RX_D1P MIPI DPHY CS12 RX D1P C194 NC/10K 5% MIPI_CSIO_CAM_CLKOUT_3V3 < R267 NC MIPI DPHY CSI1 RX CLKN ' 100NF 16V MIPI_DPHY_CSI2_RX_CLKN MIPI_DPHY_CSI2_RX_CLKP MIPI_DPHY_CSI1_RX_CLKP Y1 CAM1_GPIO MIPI_CSI0_CAM_CLKOUT_3V3 . I2C6_SCL_M3 . CAM_GPIO MIPI_CSI1_CAM_CLKOUT_3V3 12C0_SCL_MI_TP 12C0_SDA_M1_TP MIPI_CSI1_CAM_CLKOUT_3V3 < R269 NC 27MHz 3.3V 10ppm 3V3_S0 O FB3 120R 2A 3V3_S0 O FB1 120R 2A C195 T FPC_15P_1MM_LIE FPC_15P_1MM_LIE C190 C191 100NF 16V 10UF 10V 100NF 16V 10UF 10V VCC_1V8_S0 3V3_S0 R270 Q20 10K 5% Q2 25K3018 R211 Q19 10K 5% 2SK3018 10K 5% MIPI_CSIO_CAM_CLKOUT_3V3 <<-MIPI_CSI1_CAM_CLKOUT_3V3 <<-MIPI_CSI1_CAM_CLKOUT_1V8 MIPI_CSIO_CAM_CLKOUT_1V8 R272 _____NC R266 ______NC MIPI_CSI3_RX_2X2Lanes 3V3_S0 J16 CAM 31P MIPI_DPHY_CSI4_RX_D1N MIPI_DPHY_CSI4_RX_D1P MIPĪ D3N MIPI_D3N MIPI_D3P GND_1 MIPI_D2N MIPI_D2P GND_2 MIPI_CLKBN MIPI_CLKBP R8 10K 5% R9 10K 5% 2583018 MIPI_DPHY_CSI4_RX_DON MIPI_DPHY_CSI4_RX_DOP MIPI_CAM3_PDN_3V3 <<-MIPI_CAM3_PDN2_1V8 MIPI_DPHY_CSI4_RX_CLKN MIPI_DPHY_CSI4_RX_CLKP R10 NC GND_3 MIPI_D1N MIPI_D1P GND_4 MIPI_DPHY_CSI3_RX_D1N MIPI_DPHY_CSI3_RX_D1P MIPI DPHY CSI3 RX DON 5 MIPI_DON MIPI_DOP GND_5 3V3_S0 MIPI_DPHY_CSI3_RX_CLKN MIPI_DPHY_CSI3_RX_CLKP MIPI_CLKAN MIPI_CLKAP MIPI_CSI3_CAM_CLKOUT_1V8 <<-CAM0-CLK Q3 2SK3018 GND CAM1-CLK REF_CLK0_OUT_1V8 <<-MIPI CAM3 PDN 1V8 // CM-PDN0 MIPI_CAM3_RST_3V3 <<-→>> MIPI_CAM3_RST_1V8 CM-PDN1 3V3_S0 FB4 120R 2A 3V3 3v31 5V_S0 FB5 120R 2A C233 C231 C234 -10UF 10V 100NF 16V 100NF 16V CM4 IO REV Size 17 MIPI CSI RX V1.10 Page Name: Date: Wednesday, August 06, 2025

